

*ABSTRACT AMENDMENT*

Please delete the Abstract and substitute the following:

A method for leakage control and localization of leakages in a plate heat exchanger includes supplying a solution containing a fluorescent colorant to one of either a primary passageway or a secondary passageway of the heat exchanger, supplying a clear liquid to the opposite passageway, recycling the clear liquid, and detecting the presence of the fluorescent colorant in the clear liquid.